

APPENDIX 5.15
Monitoring Well Water Column
Stratification Logs

**Mission Bay Landfill Monitoring Well Network
Summary of Data from Site Assessment**

| Consultant | Well Designation | Casing Diameter (inches) | Top of screened interval (feet below grade) | Total depth (feet) | Pump Intake Depth (ft TOC) | Approx. Halocline Depth (ft TOC) | DTW (ft TOC) | Tidal Survey | Date of installation | Well status | Comments on well | Number of Sampling Events |
|-----------------|------------------|--------------------------|---|--------------------|----------------------------|----------------------------------|--------------|--------------|----------------------|---------------------|--|---------------------------|
| LANDFILL | | | | | | | | | | | | |
| WWC | 10 | 2 | 25.00 | 35.00 | 32.00 | not observed to 30' | 20.15 | datalogger | 9/26/1983 | In sampling program | Stickup | 51 |
| N & M | MBW-1 | 4 | 6.00 | 26.00 | 23.00 | gradual 20-24 | 17.48 | datalogger | 10/28/1993 | In sampling program | | 44 |
| N & M | MBW-2 | 4 | 6.00 | 26.00 | 23.00 | gradual 19-25 | 15.40 | datalogger | 10/29/1993 | In sampling program | | 43 |
| N & M | MBW-3 | 4 | 5.00 | 25.00 | 22.00 | 20-23 | 16.85 | datalogger | 11/3/1993 | In sampling program | | 41 |
| N & M | MBW-5 | 4 | 15.00 | 35.00 | 32.00 | 29-30 | 24.59 | datalogger | 10/1/1993 | In sampling program | | 41 |
| City of SD | MBW-7 | | 3.50 | 18.50 | 15.50 | gradual 8-12 | 4.60 | manual | 1993 | In sampling program | Replaced Well 1 in 1993, Well 1 was overdrilled and reinstalled as MBW-7 | 38 |
| N & M | MBE-4 | 4 | 5.00 | 25.00 | 22.00 | 15-20 | 11.58 | datalogger | 12/2/1996 | In sampling program | Replacement installed 10 feet east of previous MBW-4 | 33 |
| N & M | MBE-6 | 4 | 5.00 | 25.00 | 22.00 | 20.00 | 14.18 | datalogger | 12/2/1996 | In sampling program | Replacement installed 10 feet west of previous MBW-6 | 28 |
| SCS | SCS1 | 4 | 10.00 | 35.00 | 29.50 | 26-29 | 18.72 | datalogger | 9/13/2004 | Sampled by SCS | Stickup | 1 |
| SCS | SCS2 | 4 | 12.00 | 36.00 | 33.50 | gradual 30-33 | 25.20 | datalogger | 9/14/2004 | Sampled by SCS | Stickup | 1 |
| SCS | SCS3 | 4 | 13.00 | 31.00 | 25.75 | 20-23 | 16.35 | datalogger | 9/13/2004 | Sampled by SCS | Stickup | 1 |
| SCS | SCS4 | 4 | 10.00 | 31.00 | 26.50 | 24-27 | 20.06 | datalogger | 9/14/2004 | Sampled by SCS | Stickup | 1 |

Notes
 WWC Woodward Clyde
 N & M Ninyo and Moore
 City of SD City of San Diego
 TOC - Top of Casing
 DTW - Depth to water at time of stratification survey
 ft TOC - feet below TOC

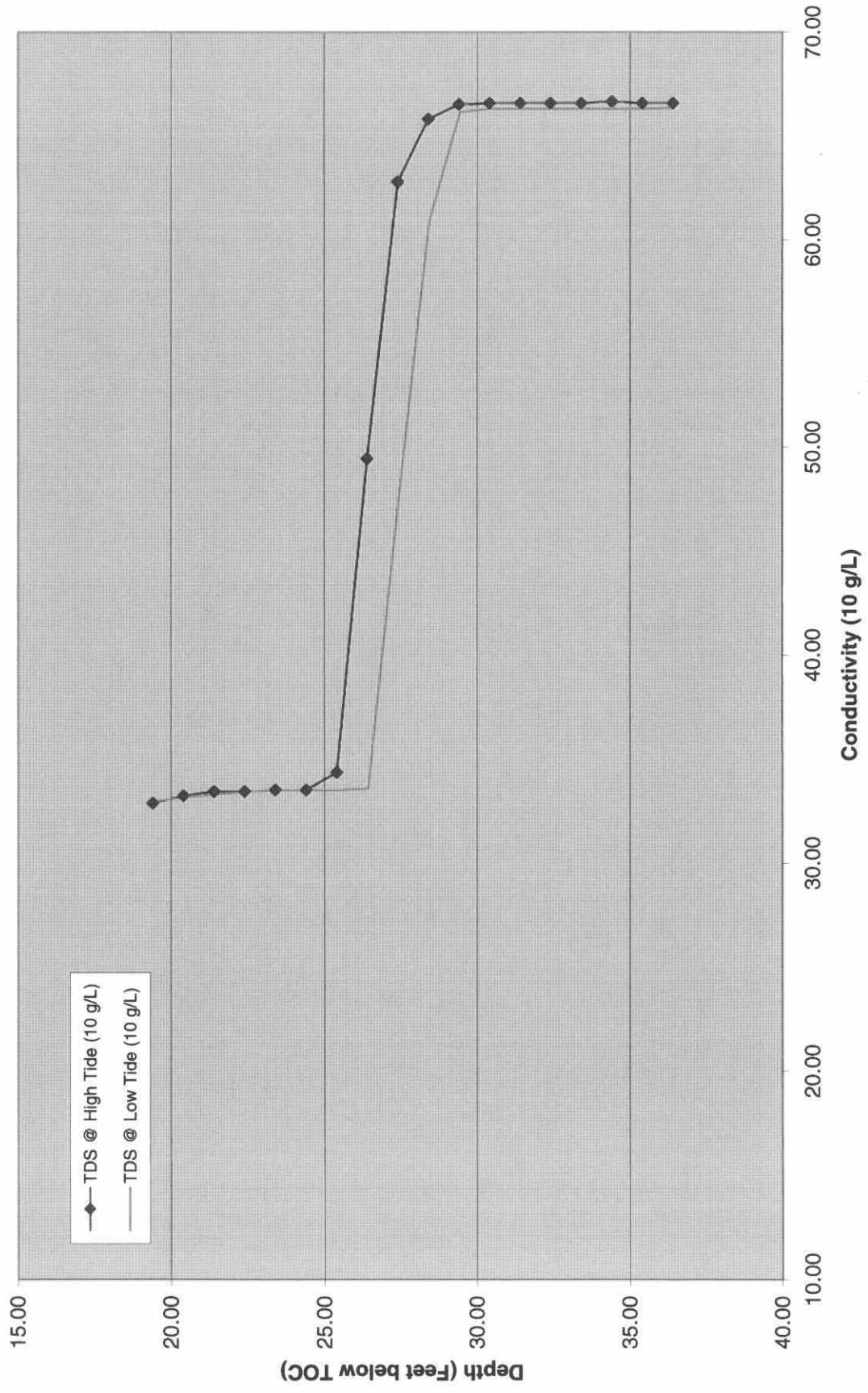
Monitoring Well Stratification Log

| | | | |
|----------------------------|---|-------------|-------------------------|
| Sampler KE & JL | | Well # SCS1 | |
| Date 10/11/2004 | High Tide DTW (ft) | 18.82 | Low Tide DTW (ft) 18.83 |
| Project Number 01203520.00 | DTB (ft) | 36.50 | |
| Client City of San Diego | Screen Length (ft) | 15.00 | |
| Location MBLF | H2O Quality Meter make/ model: Horiba U22XD | | |

| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (10 g/L) | Tide | Notes |
|---------------------------|------|------|--------------------|-------------|------------------|-----------------|------|-------|
| 19.40 | 1007 | 6.57 | 4.99 | 2.35 | 21.5 | 43.98 | High | |
| 20.40 | 1011 | 6.58 | 5.04 | 4.67 | 21.3 | 44.05 | High | |
| 21.40 | 1015 | 6.59 | 5.07 | 5.15 | 21.2 | 44.12 | High | |
| 22.40 | 1019 | 6.59 | 5.07 | 4.83 | 21.1 | 44.12 | High | |
| 23.40 | 1023 | 6.60 | 5.08 | 4.74 | 21.1 | 44.19 | High | |
| 24.40 | 1027 | 6.60 | 5.08 | 4.57 | 21.0 | 44.19 | High | |
| 25.40 | 1031 | 6.61 | 5.20 | 4.28 | 21.0 | 44.26 | High | |
| 26.40 | 1035 | 6.75 | 7.35 | 2.11 | 21.0 | 45.25 | High | |
| 27.40 | 1039 | 6.81 | 9.25 | 1.20 | 21.0 | 45.67 | High | |
| 28.40 | 1043 | 6.84 | 9.68 | 0.92 | 21.0 | 45.88 | High | |
| 29.40 | 1047 | 6.85 | 9.78 | 0.75 | 21.1 | 45.95 | High | |
| 30.40 | 1050 | 6.84 | 9.79 | 0.69 | 21.1 | 45.88 | High | |
| 31.40 | 1052 | 6.84 | 9.79 | 0.66 | 21.1 | 45.88 | High | |
| 32.40 | 1054 | 6.84 | 9.79 | 0.64 | 21.1 | 45.88 | High | |
| 33.40 | 1056 | 6.85 | 9.79 | 0.61 | 21.1 | 45.95 | High | |
| 34.40 | 1058 | 6.84 | 9.80 | 0.60 | 21.1 | 45.88 | High | |
| 35.40 | 1100 | 6.84 | 9.79 | 0.59 | 21.1 | 45.88 | High | |
| 36.40 | 1102 | 6.84 | 9.79 | 0.59 | 21.1 | 45.88 | High | |
| 19.43 | 1512 | 6.56 | 5.00 | 3.74 | 21.2 | 43.91 | Low | |
| 20.43 | 1515 | 6.59 | 5.03 | 2.11 | 21.3 | 44.12 | Low | |
| 21.43 | 1517 | 6.59 | 5.05 | 3.42 | 21.3 | 44.12 | Low | |
| 22.43 | 1519 | 6.59 | 5.07 | 3.91 | 21.2 | 44.12 | Low | |
| 23.43 | 1521 | 6.60 | 5.08 | 3.77 | 21.2 | 44.19 | Low | |
| 24.43 | 1525 | 6.60 | 5.08 | 3.72 | 21.2 | 44.19 | Low | |
| 25.43 | 1527 | 6.60 | 5.08 | 3.71 | 21.1 | 44.19 | Low | |
| 26.43 | 1529 | 6.60 | 5.09 | 3.64 | 21.0 | 44.19 | Low | |
| 27.43 | 1531 | 6.62 | 7.09 | 3.10 | 21.0 | 44.33 | Low | |
| 28.43 | 1533 | 6.75 | 8.98 | 1.55 | 21.0 | 45.25 | Low | |
| 29.43 | 1535 | 6.82 | 9.73 | 1.01 | 21.1 | 45.74 | Low | |
| 30.43 | 1539 | 6.84 | 9.75 | 0.80 | 21.1 | 45.88 | Low | |
| 31.43 | 1542 | 6.84 | 9.75 | 0.73 | 21.1 | 45.88 | Low | |
| 32.43 | 1546 | 6.84 | 9.75 | 0.66 | 21.1 | 45.88 | Low | |
| 33.43 | 1548 | 6.83 | 9.75 | 0.63 | 21.1 | 45.81 | Low | |
| 34.43 | 1550 | 6.84 | 9.75 | 0.59 | 21.1 | 45.88 | Low | |
| 35.43 | 1552 | 6.83 | 9.75 | 0.59 | 21.1 | 45.81 | Low | |
| 36.43 | 1554 | 6.84 | 9.76 | 0.58 | 21.1 | 45.88 | Low | |

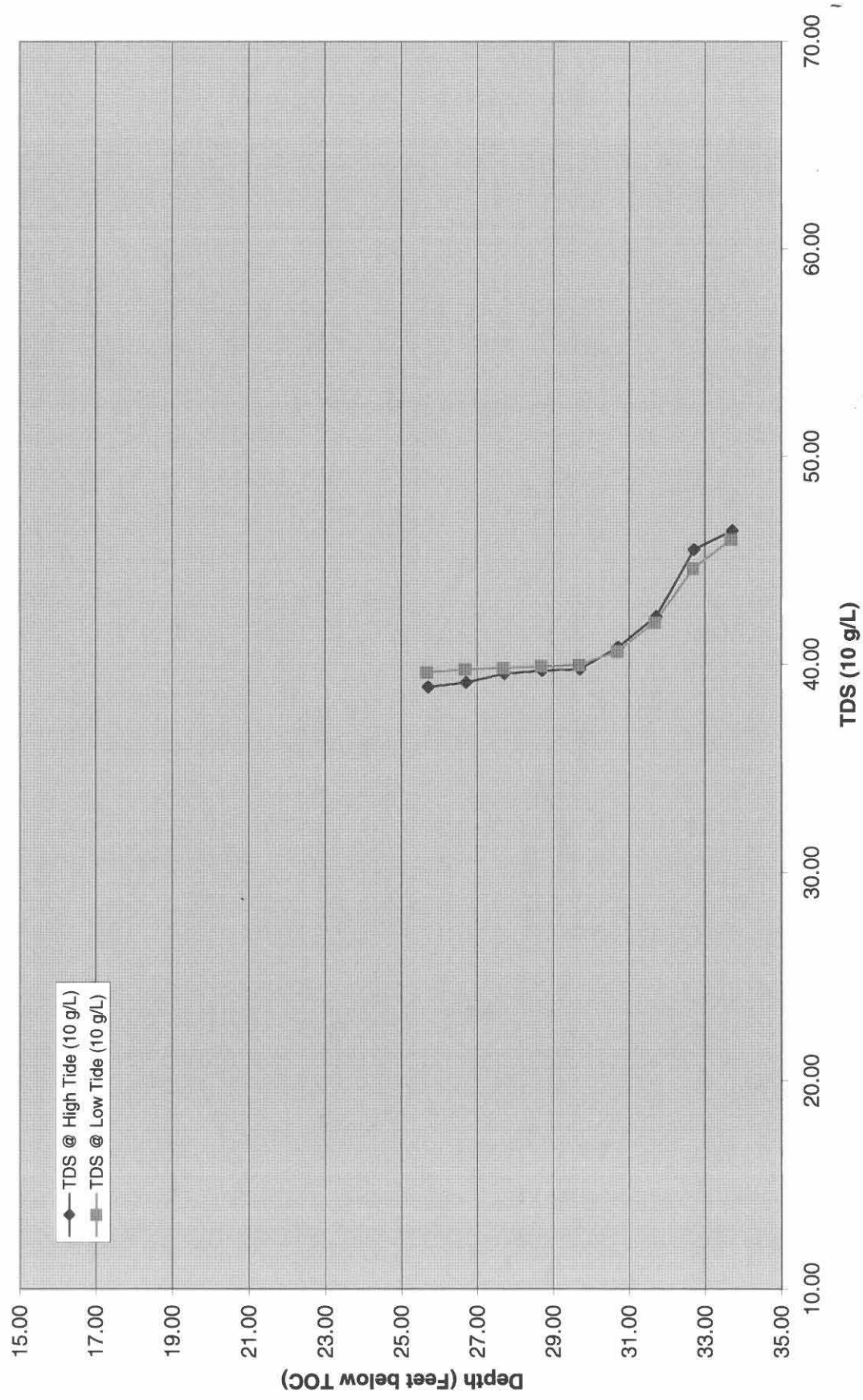
Notes:

SCS1 TDS vs. Depth



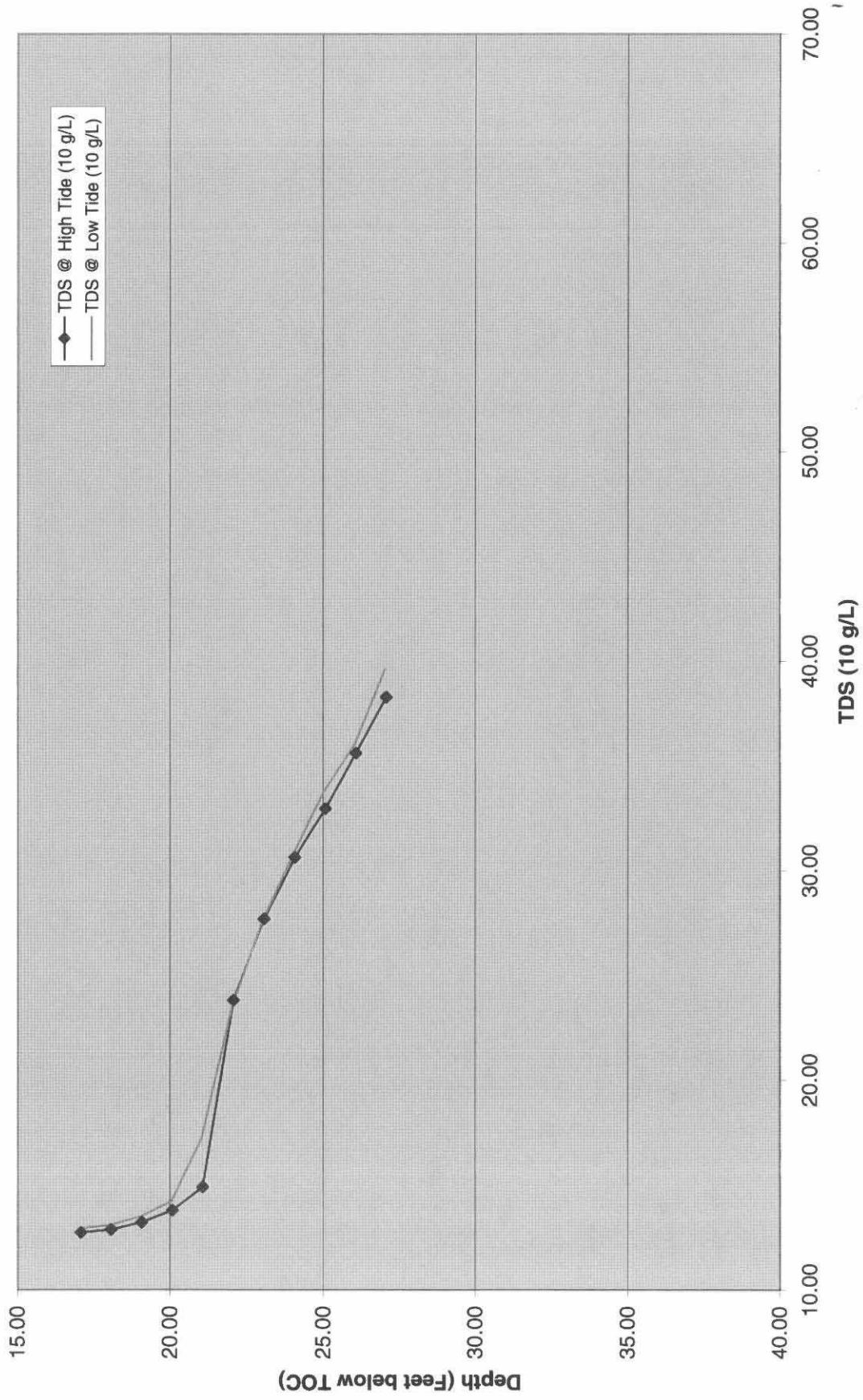
| Monitoring Well Stratification Log | | | | | | | | | | |
|------------------------------------|------|------|---|-------------|------------------|-----------------|-------------------|--|-------|-------|
| Sampler KE & JL | | | Well # | | SCS2 | | | | | |
| Date 10/12/2004 | | | High Tide DTW (ft) | | 25.21 | | Low Tide DTW (ft) | | 25.18 | |
| Project Number 01203520.00 | | | DTB (ft) | | 38.52 | | | | | |
| Client City of San Diego | | | Screen Length (ft) | | 15.00 | | | | | |
| Location MBLF | | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (10 g/L) | Tide | | | Notes |
| 25.71 | 921 | 6.77 | 5.85 | 2.39 | 20.2 | 38.92 | High | | | |
| 26.71 | 924 | 6.73 | 5.88 | 1.29 | 20.3 | 39.14 | High | | | |
| 27.71 | 926 | 6.68 | 5.94 | 1.23 | 20.3 | 39.56 | High | | | |
| 28.71 | 929 | 6.68 | 5.96 | 2.74 | 20.3 | 39.70 | High | | | |
| 29.71 | 934 | 6.68 | 5.97 | 2.93 | 20.3 | 39.77 | High | | | |
| 30.71 | 936 | 6.65 | 6.12 | 2.89 | 20.3 | 40.82 | High | | | |
| 31.71 | 938 | 6.64 | 6.33 | 2.75 | 20.3 | 42.30 | High | | | |
| 32.71 | 941 | 6.64 | 6.79 | 2.5 | 20.3 | 45.53 | High | | | |
| 33.71 | 943 | 6.68 | 6.92 | 2.39 | 20.4 | 46.44 | High | | | |
| 34.71 | 945 | 6.69 | 6.94 | 2.22 | 20.4 | 46.58 | High | | | |
| 35.71 | 947 | 6.69 | 6.94 | 2.17 | 20.4 | 46.58 | High | | | |
| 36.71 | 949 | 6.69 | 6.95 | 2.13 | 20.4 | 46.65 | High | | | |
| 37.71 | 951 | 6.69 | 6.95 | 2.11 | 20.4 | 46.65 | High | | | |
| 38.71 | 953 | 6.69 | 6.95 | 2.09 | 20.4 | 46.65 | High | | | |
| 25.68 | 1408 | 6.76 | 5.95 | 2.30 | 21.0 | 39.63 | Low | | | |
| 26.68 | 1411 | 6.68 | 5.97 | 0.95 | 20.6 | 39.77 | Low | | | |
| 27.68 | 1413 | 6.65 | 5.98 | 0.43 | 20.3 | 39.84 | Low | | | |
| 28.68 | 1415 | 6.63 | 5.99 | 1.08 | 20.3 | 39.91 | Low | | | |
| 29.68 | 1419 | 6.66 | 6.00 | 1.21 | 20.3 | 39.98 | Low | | | |
| 30.68 | 1421 | 6.67 | 6.09 | 1.32 | 20.3 | 40.61 | Low | | | |
| 31.68 | 1423 | 6.66 | 6.29 | 1.37 | 20.3 | 42.01 | Low | | | |
| 32.68 | 1425 | 6.65 | 6.66 | 1.36 | 20.3 | 44.61 | Low | | | |
| 33.68 | 1427 | 6.68 | 6.86 | 1.31 | 20.4 | 46.02 | Low | | | |
| Notes: | | | | | | | | | | |
| | | | | | | | | | | |

SCS2 TDS vs. Depth



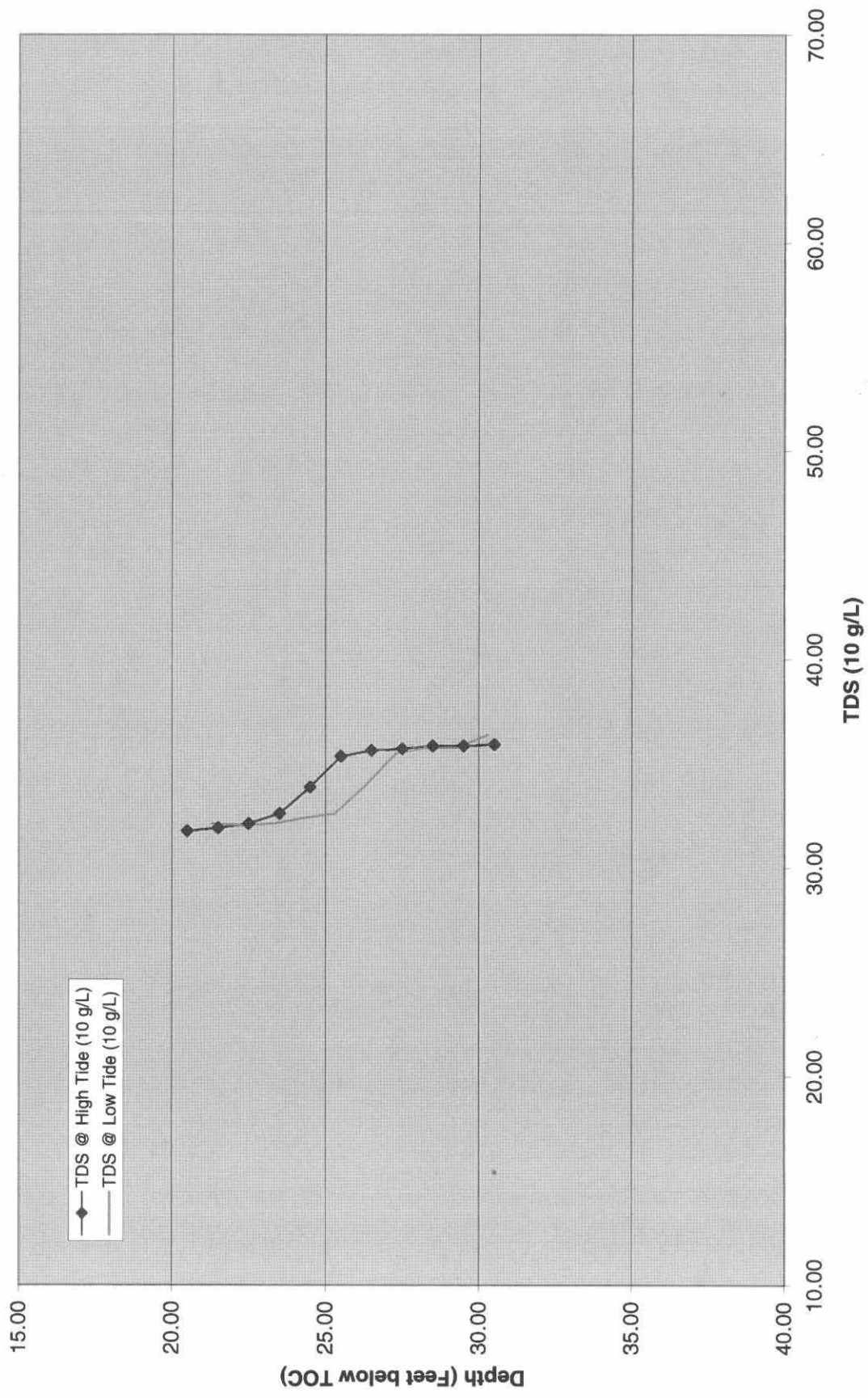
| Monitoring Well Stratification Log | | | | | | | | | |
|------------------------------------|------|---|--------------------|--------------------|------------------|-------------------|------|-------|-------|
| Sampler KE & JL | | Well # SCS3 | | High Tide DTW (ft) | | Low Tide DTW (ft) | | 16.53 | |
| Date 10/12/2004 | | DTB (ft) | | 32.74 | | | | | |
| Project Number 01203520.00 | | Screen Length (ft) | | 15.00 | | | | | |
| Client City of San Diego | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | |
| Location MBLF | | | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (10 g/L) | Tide | | Notes |
| 17.08 | 1126 | 6.69 | 2.12 | 2.30 | 23.0 | 12.73 | High | | |
| 18.08 | 1128 | 6.71 | 2.14 | 1.10 | 23.6 | 12.87 | High | | |
| 19.08 | 1130 | 6.72 | 2.19 | 1.85 | 23.8 | 13.22 | High | | |
| 20.08 | 1132 | 6.73 | 2.27 | 2.15 | 23.8 | 13.78 | High | | |
| 21.08 | 1134 | 6.74 | 2.43 | 2.25 | 23.8 | 14.91 | High | | |
| 22.08 | 1136 | 6.81 | 3.70 | 1.77 | 23.8 | 23.83 | High | | |
| 23.08 | 1138 | 6.91 | 4.25 | 1.09 | 23.7 | 27.69 | High | | |
| 24.08 | 1141 | 6.95 | 4.67 | 0.55 | 23.7 | 30.64 | High | | |
| 25.08 | 1144 | 6.93 | 5.00 | 0.36 | 23.7 | 32.96 | High | | |
| 26.08 | 1146 | 6.88 | 5.38 | 0.26 | 23.7 | 35.62 | High | | |
| 27.08 | 1148 | 6.89 | 5.76 | 0.20 | 23.6 | 38.29 | High | | |
| 28.08 | 1150 | 6.86 | 6.12 | 0.16 | 23.6 | 40.82 | High | | |
| 29.08 | 1152 | 6.86 | 6.13 | 0.13 | 23.6 | 40.89 | High | | |
| 30.08 | 1154 | 6.86 | 6.12 | 0.12 | 23.5 | 40.82 | High | | |
| 31.08 | 1156 | 6.86 | 6.12 | 0.10 | 23.5 | 40.82 | High | | |
| 32.08 | 1158 | 6.86 | 6.12 | 0.10 | 23.5 | 40.82 | High | | |
| 33.08 | 1200 | 6.86 | 6.12 | 0.08 | 23.5 | 40.82 | High | | |
| 17.03 | 1551 | 6.60 | 2.15 | 0.91 | 23.6 | 12.94 | Low | | |
| 18.03 | 1553 | 6.53 | 2.17 | 0.53 | 23.8 | 13.08 | Low | | |
| 19.03 | 1555 | 6.52 | 2.23 | 0.80 | 23.9 | 13.50 | Low | | |
| 20.03 | 1557 | 6.52 | 2.33 | 1.41 | 23.8 | 14.20 | Low | | |
| 21.03 | 1559 | 6.54 | 2.76 | 1.65 | 23.8 | 17.22 | Low | | |
| 22.03 | 1601 | 6.62 | 3.66 | 1.44 | 23.8 | 23.54 | Low | | |
| 23.03 | 1603 | 6.71 | 4.24 | 1.02 | 23.7 | 27.62 | Low | | |
| 24.03 | 1605 | 6.84 | 4.70 | 0.62 | 23.7 | 30.85 | Low | | |
| 25.03 | 1607 | 6.90 | 5.12 | 0.37 | 23.7 | 33.80 | Low | | |
| 26.03 | 1609 | 6.90 | 5.44 | 0.15 | 23.7 | 36.05 | Low | | |
| 27.03 | 1613 | 6.86 | 5.95 | 0.10 | 23.6 | 39.63 | Low | | |
| Notes: | | | | | | | | | |

SCS3 TDS vs. Depth



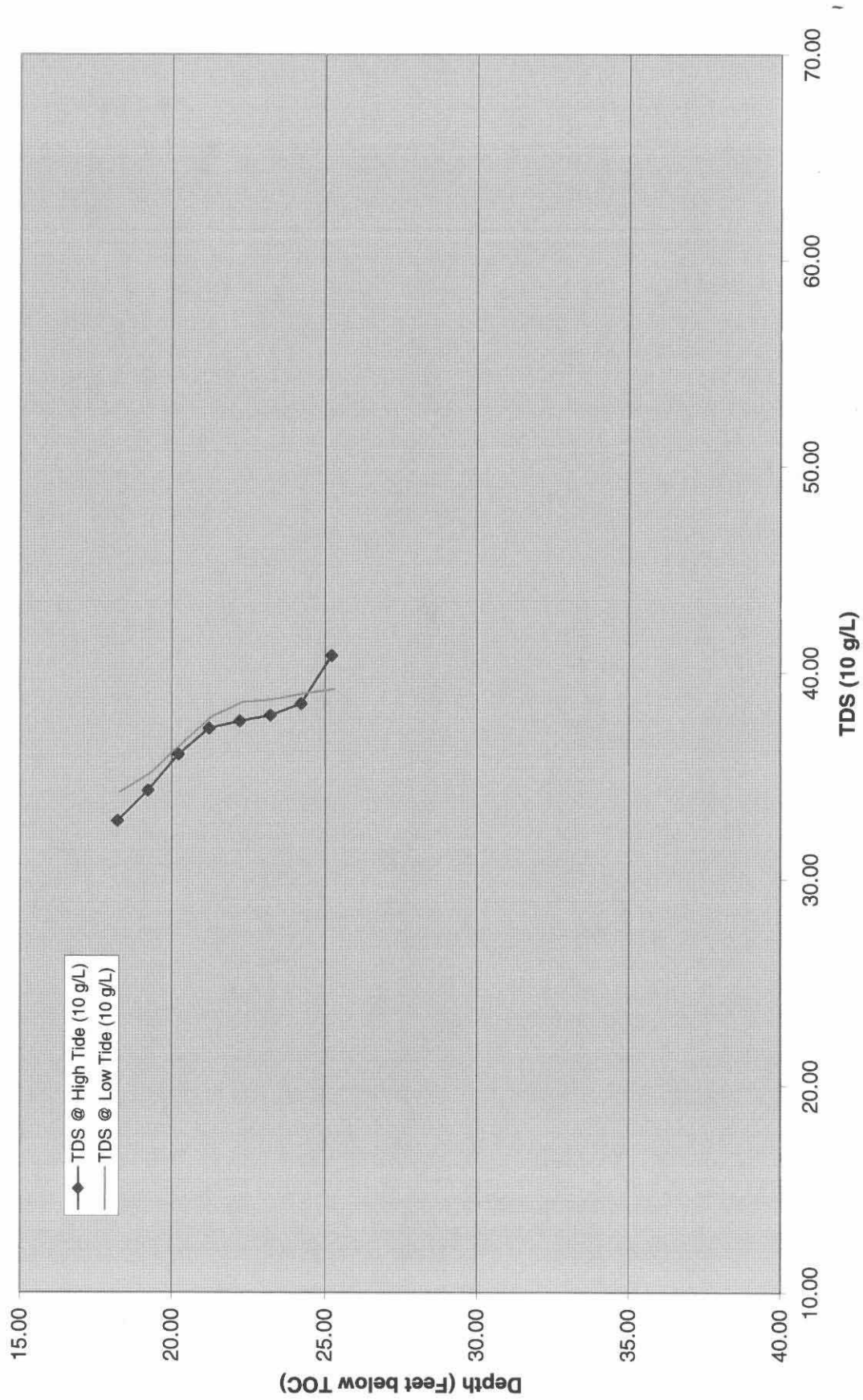
| Monitoring Well Stratification Log | | | | | | | | | | |
|------------------------------------|------|------|---|-------------|------------------|-----------------|-------------------|--|-------|-------|
| Sampler KE & JL | | | Well # | | SCS4 | | | | | |
| Date 10/11/2004 | | | High Tide DTW (ft) | | 19.98 | | Low Tide DTW (ft) | | 20.79 | |
| Project Number 01203520.00 | | | DTB (ft) | | 33.50 | | | | | |
| Client City of San Diego | | | Screen Length (ft) | | 15.00 | | | | | |
| Location MBLF | | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (10 g/L) | Tide | | | Notes |
| 20.50 | 856 | 6.45 | 4.83 | 0.58 | 20.9 | 31.76 | High | | | |
| 21.50 | 859 | 6.55 | 4.85 | 0.62 | 20.9 | 31.90 | High | | | |
| 22.50 | 903 | 6.58 | 4.88 | 2.19 | 20.9 | 32.11 | High | | | |
| 23.50 | 907 | 6.61 | 4.95 | 2.45 | 20.9 | 32.60 | High | | | |
| 24.50 | 911 | 6.63 | 5.13 | 2.34 | 20.9 | 33.87 | High | | | |
| 25.50 | 915 | 6.63 | 5.34 | 2.06 | 21.0 | 35.34 | High | | | |
| 26.50 | 919 | 6.64 | 5.38 | 1.96 | 21.0 | 35.62 | High | | | |
| 27.50 | 923 | 6.64 | 5.39 | 1.92 | 21.0 | 35.69 | High | | | |
| 28.50 | 927 | 6.64 | 5.41 | 1.90 | 21.1 | 35.83 | High | | | |
| 29.50 | 931 | 6.63 | 5.41 | 1.89 | 21.1 | 35.83 | High | | | |
| 30.50 | 935 | 6.64 | 5.42 | 1.86 | 21.1 | 35.90 | High | | | |
| 31.50 | 939 | 6.63 | 5.42 | 1.86 | 21.2 | 35.90 | High | | | |
| 32.50 | 943 | 6.64 | 5.42 | 1.81 | 21.2 | 35.90 | High | | | |
| 33.50 | 947 | 6.64 | 5.42 | 1.80 | 21.2 | 35.90 | High | | | |
| 21.3 | 1430 | 6.46 | 4.88 | 2.68 | 21.3 | 32.11 | Low | | | |
| 22.3 | 1434 | 6.47 | 4.87 | 2.26 | 21.1 | 32.04 | Low | | | |
| 23.3 | 1437 | 6.50 | 4.88 | 2.67 | 20.9 | 32.11 | Low | | | |
| 24.3 | 1440 | 6.54 | 4.92 | 2.57 | 20.9 | 32.39 | Low | | | |
| 25.3 | 1442 | 6.55 | 4.95 | 2.52 | 20.9 | 32.60 | Low | | | |
| 26.3 | 1445 | 6.60 | 5.14 | 2.25 | 21.0 | 33.94 | Low | | | |
| 27.3 | 1447 | 6.62 | 5.36 | 1.96 | 21.1 | 35.48 | Low | | | |
| 28.3 | 1449 | 6.62 | 5.40 | 1.82 | 21.1 | 35.76 | Low | | | |
| 29.3 | 1451 | 6.62 | 5.40 | 1.77 | 21.1 | 35.76 | Low | | | |
| 30.3 | 1453 | 6.63 | 5.49 | 1.63 | 21.1 | 36.40 | Low | | | |
| Notes: | | | | | | | | | | |
| | | | | | | | | | | |

SCS4 TDS vs. Depth



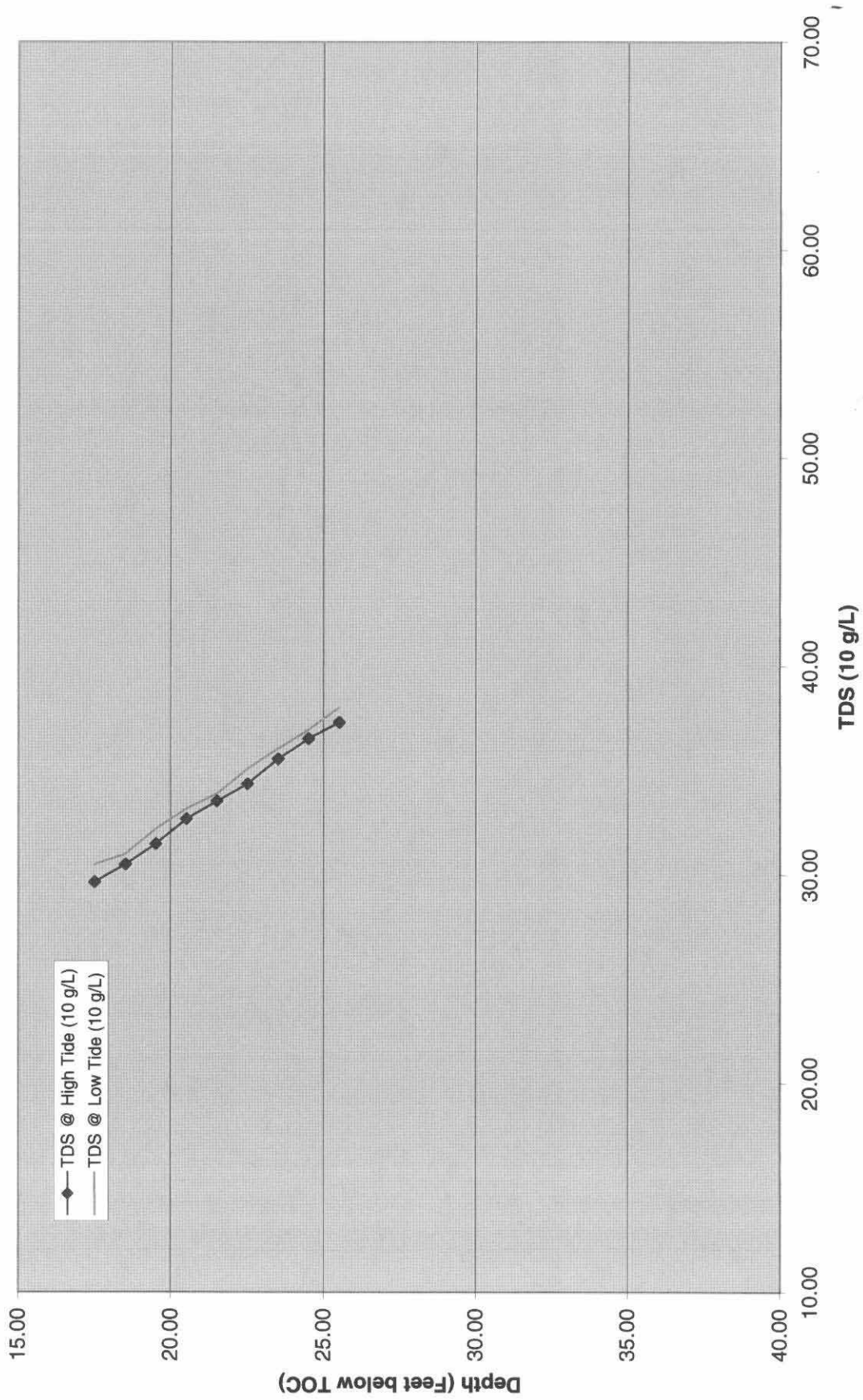
| Monitoring Well Stratification Log | | | | | | | | | |
|------------------------------------|------|---|--------------------|-------------|------------------|-------------------|------|-------|-------|
| Sampler KE & JL | | Well # | | MBW1 | | | | | |
| Date 10/12/2004 | | High Tide DTW (ft) | | 17.71 | | Low Tide DTW (ft) | | 17.67 | |
| Project Number 01203520.00 | | DTB (ft) | | 26.00 | | | | | |
| Client City of San Diego | | Screen Length (ft) | | 20.00 | | | | | |
| Location MBLF | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (10 g/L) | Tide | | Notes |
| 18.21 | 831 | 6.74 | 4.98 | 1.20 | 22.8 | 32.81 | High | | |
| 19.21 | 833 | 6.70 | 5.19 | 0.44 | 22.7 | 34.29 | High | | |
| 20.21 | 835 | 6.71 | 5.44 | 0.99 | 22.3 | 36.05 | High | | |
| 21.21 | 838 | 6.73 | 5.62 | 2.96 | 21.9 | 37.31 | High | | |
| 22.21 | 840 | 6.74 | 5.67 | 3.53 | 21.7 | 37.66 | High | | |
| 23.21 | 843 | 6.75 | 5.71 | 3.73 | 21.5 | 37.94 | High | | |
| 24.21 | 845 | 6.76 | 5.79 | 3.41 | 21.3 | 38.50 | High | | |
| 25.21 | 847 | 6.74 | 6.12 | 3.24 | 21.2 | 40.82 | High | | |
| 18.30 | 1337 | 6.78 | 5.18 | 0.65 | 23.0 | 34.22 | Low | | |
| 19.30 | 1339 | 6.73 | 5.31 | 0.39 | 22.8 | 35.13 | Low | | |
| 20.30 | 1341 | 6.71 | 5.51 | 0.30 | 22.3 | 36.54 | Low | | |
| 21.30 | 1343 | 6.71 | 5.70 | 0.64 | 22.0 | 37.87 | Low | | |
| 22.30 | 1345 | 6.74 | 5.80 | 1.10 | 21.7 | 38.57 | Low | | |
| 23.30 | 1348 | 6.76 | 5.82 | 1.67 | 21.5 | 38.71 | Low | | |
| 24.30 | 1350 | 6.77 | 5.86 | 1.97 | 21.3 | 38.99 | Low | | |
| 25.30 | 1352 | 6.77 | 5.89 | 2.09 | 21.3 | 39.21 | Low | | |
| Notes: | | | | | | | | | |

MBW1 TDS vs. Depth



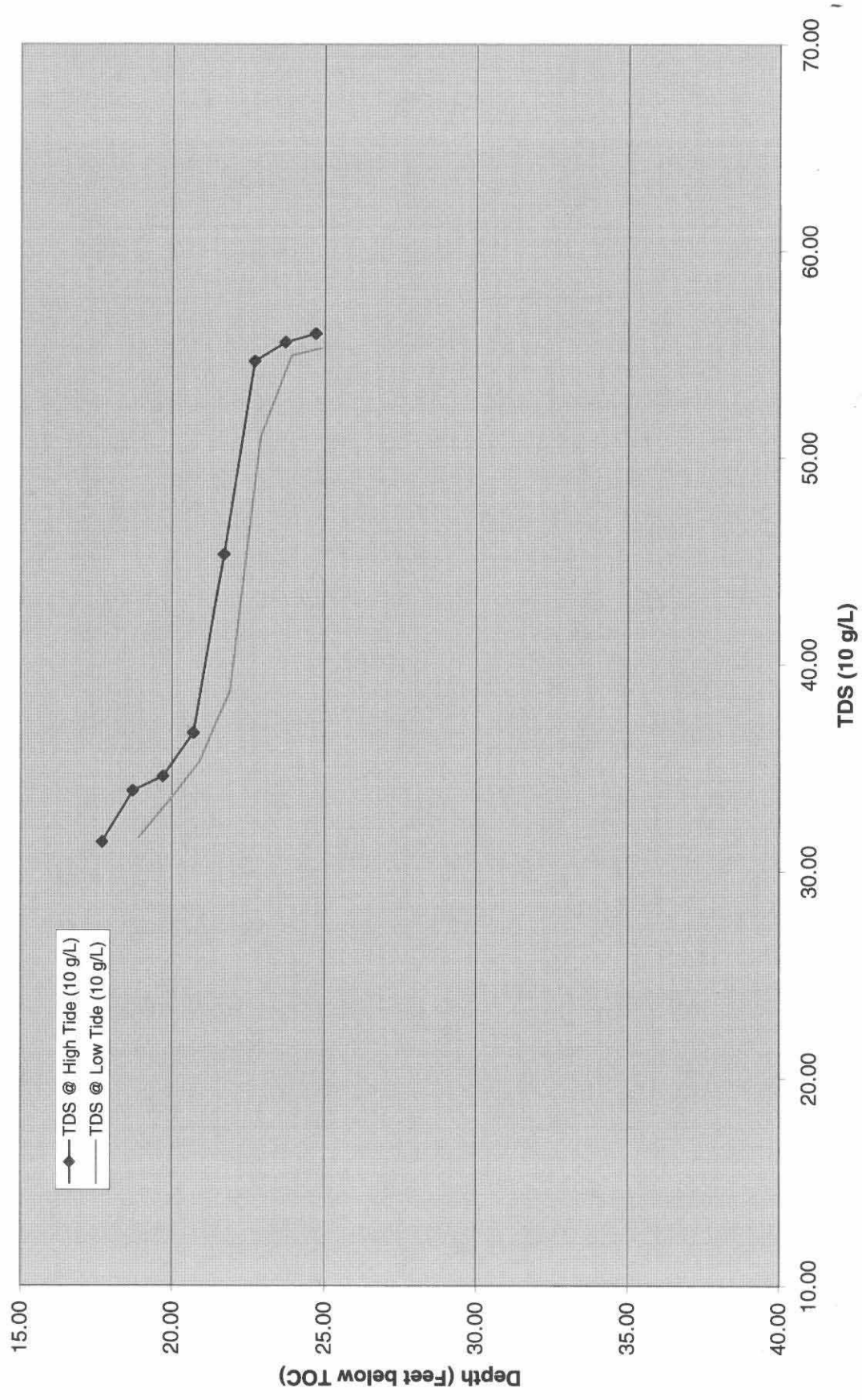
| Monitoring Well Stratification Log | | | | | | | | | |
|------------------------------------|------|---|--------------------|-------------|------------------|--------------------|------|-------------------|--|
| Sampler KE & JL | | Well # | | MBW2 | | High Tide DTW (ft) | | Low Tide DTW (ft) | |
| Date 10/11/2004 | | DTB (ft) | | 26.00 | | 17.02 | | 17.00 | |
| Project Number 01203520.00 | | Screen Length (ft) | | 20.00 | | | | | |
| Client City of San Diego | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | |
| Location MBLF | | | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (10 g/L) | Tide | Notes | |
| 17.52 | 1156 | 6.73 | 4.53 | 3.99 | 23.2 | 29.65 | High | | |
| 18.52 | 1158 | 6.70 | 4.65 | 2.10 | 23.0 | 30.50 | High | | |
| 19.52 | 1200 | 6.70 | 4.79 | 2.51 | 22.8 | 31.48 | High | | |
| 20.52 | 1202 | 6.72 | 4.96 | 3.52 | 22.6 | 32.67 | High | | |
| 21.52 | 1205 | 6.72 | 5.08 | 3.78 | 22.4 | 33.52 | High | | |
| 22.52 | 1208 | 6.71 | 5.20 | 3.66 | 22.3 | 34.36 | High | | |
| 23.52 | 1210 | 6.71 | 5.37 | 3.56 | 22.2 | 35.55 | High | | |
| 24.52 | 1212 | 6.71 | 5.51 | 3.49 | 22.2 | 36.54 | High | | |
| 25.52 | 1214 | 6.70 | 5.62 | 3.38 | 22.1 | 37.31 | High | | |
| 17.5 | 1635 | 6.73 | 4.65 | 4.02 | 22.8 | 30.50 | Low | | |
| 18.5 | 1637 | 6.72 | 4.72 | 2.36 | 22.9 | 30.99 | Low | | |
| 19.5 | 1639 | 6.71 | 4.89 | 2.57 | 22.7 | 32.18 | Low | | |
| 20.5 | 1641 | 6.72 | 5.03 | 2.91 | 22.6 | 33.17 | Low | | |
| 21.5 | 1643 | 6.72 | 5.13 | 3.24 | 22.4 | 33.87 | Low | | |
| 22.5 | 1645 | 6.71 | 5.30 | 3.20 | 22.3 | 35.06 | Low | | |
| 23.5 | 1647 | 6.71 | 5.44 | 3.10 | 22.2 | 36.05 | Low | | |
| 24.5 | 1649 | 6.71 | 5.57 | 3.01 | 22.2 | 36.96 | Low | | |
| 25.5 | 1651 | 6.70 | 5.72 | 2.94 | 22.1 | 38.01 | Low | | |
| Notes: | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MBW2 TDS vs. Depth



| Monitoring Well Stratification Log | | | | | | | | | |
|------------------------------------|------|---|--------------------|-------------|------------------|-------------------|------|-------|-------|
| Sampler KE & JL | | Well # | | MBW3 | | | | | |
| Date 10/11/2004 | | High Tide DTW (ft) | | 17.20 | | Low Tide DTW (ft) | | 18.39 | |
| Project Number 01203520.00 | | DTB (ft) | | 25.00 | | | | | |
| Client City of San Diego | | Screen Length (ft) | | 20.00 | | | | | |
| Location MBLF | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | |
| | | | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (10 g/L) | Tide | | Notes |
| 17.70 | 1123 | 6.63 | 4.78 | 4.08 | 25.0 | 31.41 | High | | |
| 18.70 | 1126 | 6.65 | 5.13 | 2.08 | 24.8 | 33.87 | High | | |
| 19.70 | 1128 | 6.66 | 5.23 | 2.80 | 24.6 | 34.57 | High | | |
| 20.70 | 1130 | 6.63 | 5.53 | 3.45 | 24.3 | 36.68 | High | | |
| 21.70 | 1132 | 6.55 | 6.76 | 3.43 | 24.1 | 45.32 | High | | |
| 22.70 | 1134 | 6.50 | 8.09 | 2.90 | 23.9 | 54.66 | High | | |
| 23.70 | 1136 | 6.50 | 8.22 | 2.75 | 23.8 | 55.57 | High | | |
| 24.70 | 1138 | 6.50 | 8.28 | 2.64 | 23.7 | 55.99 | High | | |
| 18.9 | 1611 | 6.65 | 4.81 | 3.69 | 24.5 | 31.62 | Low | | |
| 19.9 | 1613 | 6.66 | 5.06 | 2.31 | 24.5 | 33.38 | Low | | |
| 20.9 | 1615 | 6.66 | 5.33 | 2.51 | 24.3 | 35.27 | Low | | |
| 21.9 | 1617 | 6.62 | 5.82 | 3.00 | 24.1 | 38.71 | Low | | |
| 22.9 | 1619 | 6.51 | 7.57 | 2.60 | 23.9 | 51.00 | Low | | |
| 23.9 | 1621 | 6.50 | 8.13 | 2.36 | 23.8 | 54.94 | Low | | |
| 24.9 | 1623 | 6.51 | 8.18 | 2.25 | 23.7 | 55.29 | Low | | |
| Notes: | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

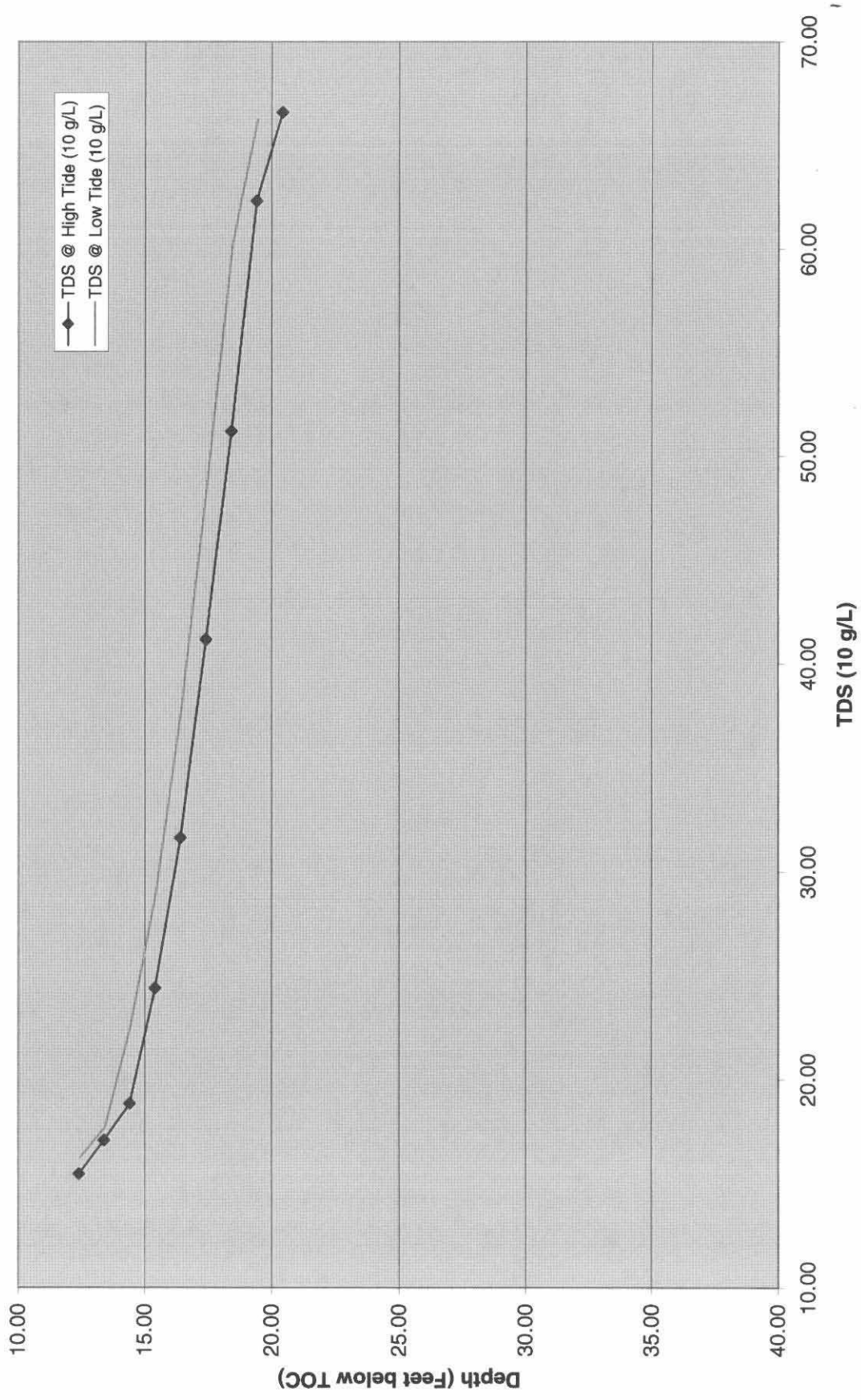
MBW3 TDS vs. Depth



| Monitoring Well Stratification Log | | | | | | | | | | | |
|------------------------------------|------|---|--------------------|--------------------------|------------------|--------------------|------|-------------------|--|-------|-------|
| Sampler KE & JL | | Well # | | MBE4 | | High Tide DTW (ft) | | Low Tide DTW (ft) | | 11.91 | 11.95 |
| Date 10/11/2004 | | Project Number 01203520.00 | | Client City of San Diego | | Screen Length (ft) | | 20.00 | | | |
| Location MBLF | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (10 g/L) | Tide | Notes | | | |
| 12.41 | 1253 | 7.51 | 2.51 | 3.01 | 26.5 | 15.47 | High | | | | |
| 13.41 | 1256 | 7.44 | 2.74 | 2.01 | 26.4 | 17.08 | High | | | | |
| 14.41 | 1258 | 7.36 | 2.99 | 0.91 | 26.0 | 18.84 | High | | | | |
| 15.41 | 1300 | 7.14 | 3.78 | 0.81 | 25.6 | 24.39 | High | | | | |
| 16.41 | 1302 | 7.03 | 4.81 | 0.83 | 25.3 | 31.62 | High | | | | |
| 17.41 | 1304 | 6.91 | 6.17 | 0.86 | 24.9 | 41.17 | High | | | | |
| 18.41 | 1306 | 6.82 | 7.60 | 0.85 | 24.6 | 51.21 | High | | | | |
| 19.41 | 1308 | 6.76 | 9.18 | 0.82 | 24.4 | 62.31 | High | | | | |
| 20.41 | 1310 | 6.75 | 9.79 | 0.80 | 24.1 | 66.60 | High | | | | |
| 21.41 | 1313 | 6.74 | 9.99 | 0.80 | 23.9 | OS | High | Cond. off scale | | | |
| 22.41 | 1316 | 6.72 | 9.99 | 0.79 | 23.7 | OS | High | Cond. off scale | | | |
| 23.41 | 1318 | 6.72 | 9.99 | 0.76 | 23.6 | OS | High | Cond. off scale | | | |
| 24.41 | 1320 | 6.75 | 9.99 | 0.73 | 23.5 | OS | High | Cond. off scale | | | |
| 12.45 | 1705 | 7.48 | 2.62 | 3.42 | 26.0 | 16.24 | Low | | | | |
| 13.45 | 1707 | 7.43 | 2.83 | 2.90 | 26.2 | 17.72 | Low | | | | |
| 14.45 | 1709 | 7.23 | 3.53 | 1.73 | 25.7 | 22.63 | Low | | | | |
| 15.45 | 1711 | 7.07 | 4.44 | 1.54 | 25.4 | 29.02 | Low | | | | |
| 16.45 | 1713 | 6.95 | 5.70 | 1.38 | 25.0 | 37.87 | Low | | | | |
| 17.45 | 1715 | 6.86 | 7.23 | 1.12 | 24.7 | 48.62 | Low | | | | |
| 18.45 | 1717 | 6.78 | 8.88 | 0.86 | 24.4 | 60.20 | Low | | | | |
| 19.45 | 1719 | 6.76 | 9.74 | 0.72 | 24.2 | 66.24 | Low | | | | |
| 20.45 | 1721 | 6.75 | 9.99 | 0.61 | 23.9 | OS | Low | Cond. off scale | | | |
| 21.45 | 1723 | 6.73 | 9.99 | 0.55 | 23.7 | OS | Low | Cond. off scale | | | |
| 22.45 | 1725 | 6.74 | 9.99 | 0.50 | 23.5 | OS | Low | Cond. off scale | | | |
| 23.45 | 1727 | 6.75 | 9.99 | 0.48 | 23.5 | OS | Low | Cond. off scale | | | |
| 24.45 | 1729 | 6.76 | 9.99 | 0.47 | 23.5 | 23.5 | Low | Cond. off scale | | | |

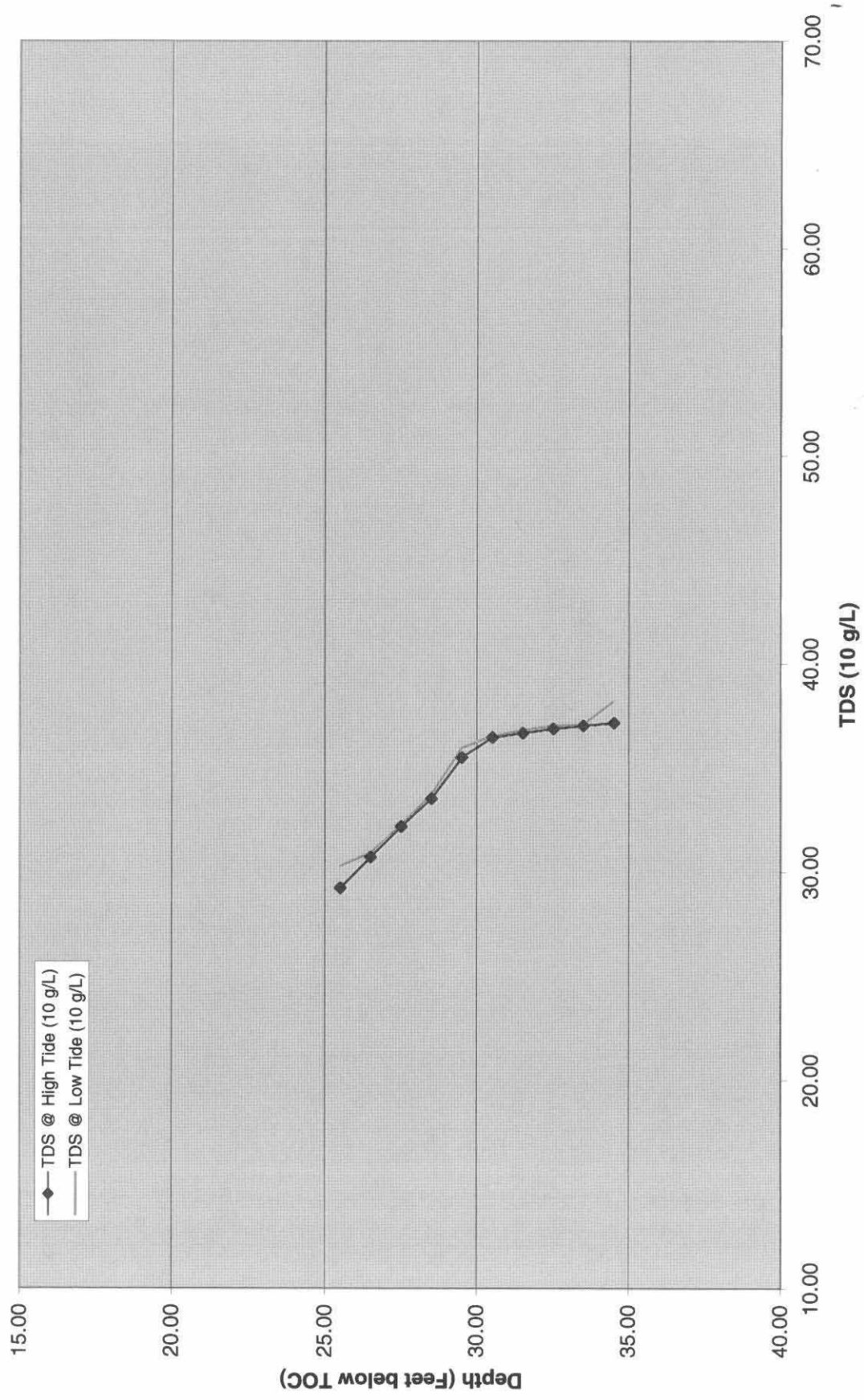
Notes: OS = Off Scale, interpolated TDS quantity not available when conductivity value of water exceeds the meters sensitivity.

MBE4 TDS vs. Depth



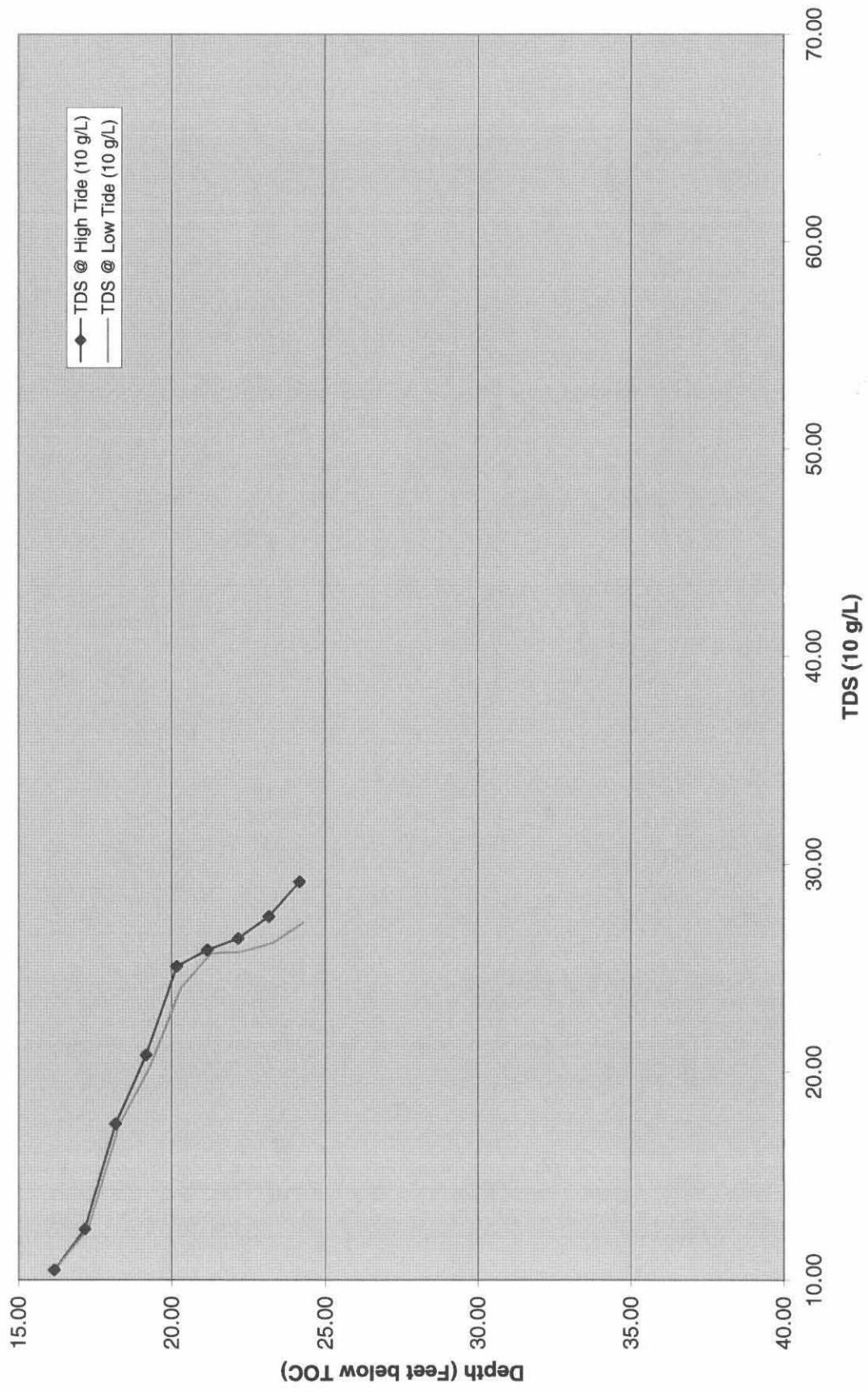
| Monitoring Well Stratification Log | | | | | | | | | | |
|------------------------------------|------|------|---|----------------|---------------------|-----------------|-------------------|--|-------|-------|
| Sampler KE & JL | | | Well # | | MBW5 | | | | | |
| Date 10/12/2004 | | | High Tide DTW (ft) | | 24.61 | | Low Tide DTW (ft) | | 24.60 | |
| Project Number 01203520.00 | | | DTB (ft) | | 35.00 | | | | | |
| Client City of San Diego | | | Screen Length (ft) | | 20.00 | | | | | |
| Location MBLF | | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (g/L) | Tide | | | Notes |
| 25.51 | 1049 | 7.22 | 4.47 | 2.51 | 22.2 | 29.23 | High | | | |
| 26.51 | 1051 | 7.08 | 4.68 | 1.14 | 22.3 | 30.71 | High | | | |
| 27.51 | 1053 | 7.01 | 4.89 | 1.30 | 22.3 | 32.18 | High | | | |
| 28.51 | 1055 | 6.99 | 5.08 | 0.55 | 22.3 | 33.52 | High | | | |
| 29.51 | 1057 | 6.99 | 5.36 | 0.65 | 22.3 | 35.48 | High | | | |
| 30.51 | 1059 | 7.00 | 5.50 | 1.01 | 22.3 | 36.47 | High | | | |
| 31.51 | 1102 | 7.01 | 5.53 | 1.14 | 22.3 | 36.68 | High | | | |
| 32.51 | 1104 | 7.01 | 5.56 | 1.17 | 22.3 | 36.89 | High | | | |
| 33.51 | 1106 | 7.02 | 5.58 | 1.21 | 22.3 | 37.03 | High | | | |
| 34.51 | 1108 | 7.03 | 5.60 | 1.23 | 22.3 | 37.17 | High | | | |
| 25.50 | 1510 | 7.07 | 4.62 | 1.94 | 22.1 | 30.29 | Low | | | |
| 26.50 | 1512 | 7.00 | 4.71 | 0.51 | 22.3 | 30.92 | Low | | | |
| 27.50 | 1514 | 6.93 | 4.90 | 0.15 | 22.3 | 32.25 | Low | | | |
| 28.50 | 1516 | 6.91 | 5.11 | 0.12 | 22.3 | 33.73 | Low | | | |
| 29.50 | 1518 | 6.92 | 5.43 | 0.05 | 22.3 | 35.97 | Low | | | |
| 30.50 | 1520 | 6.94 | 5.51 | 0.01 | 22.3 | 36.54 | Low | | | |
| 31.50 | 1522 | 6.97 | 5.55 | 0.03 | 22.3 | 36.82 | Low | | | |
| 32.50 | 1524 | 7.00 | 5.58 | 0.05 | 22.3 | 37.03 | Low | | | |
| 33.50 | 1526 | 7.02 | 5.59 | 0.08 | 22.3 | 37.10 | Low | | | |
| 34.50 | 1528 | 7.00 | 5.75 | 0.10 | 22.3 | 38.22 | Low | | | |
| Notes: | | | | | | | | | | |

MBW5 TDS vs. Depth



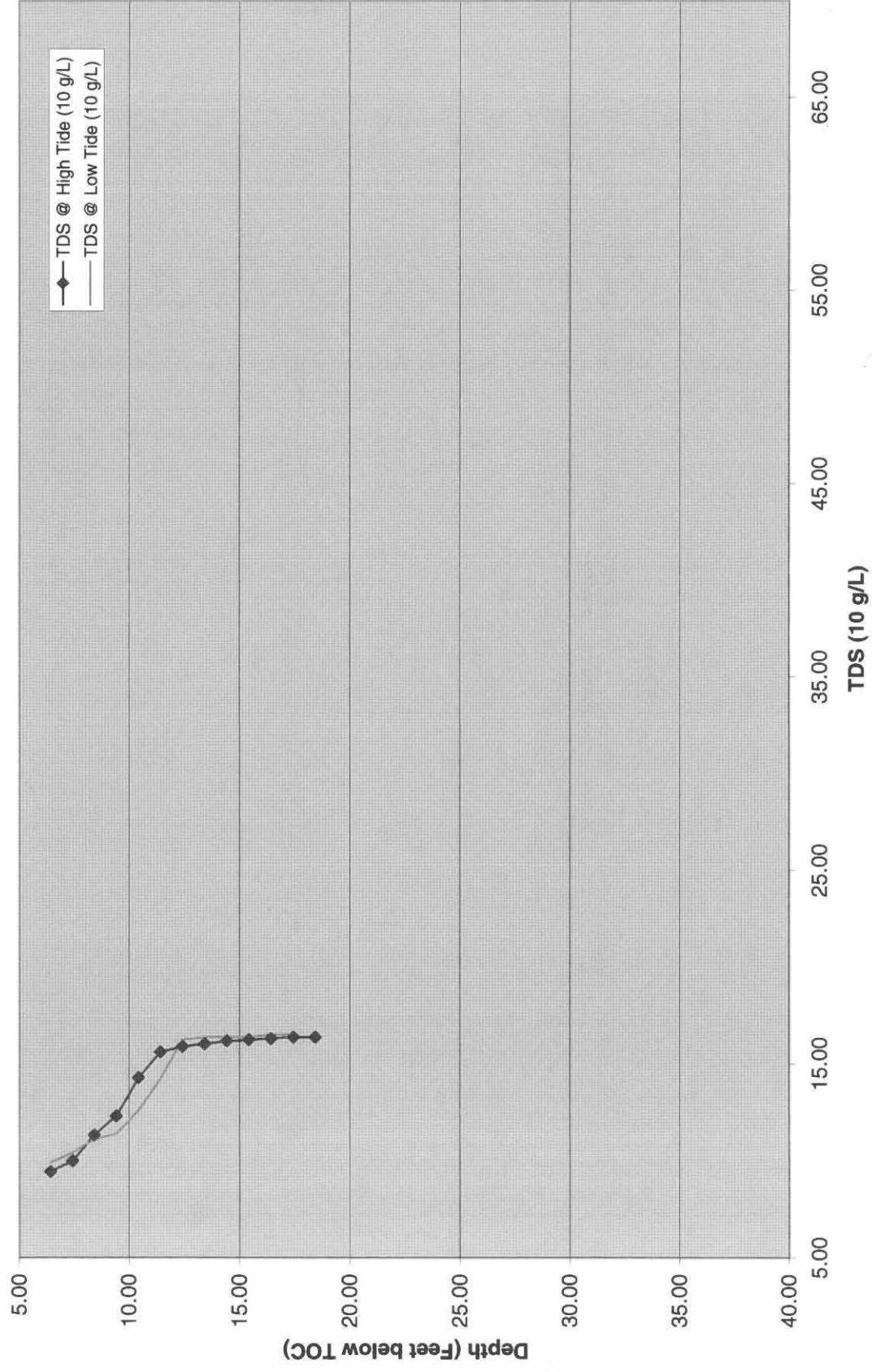
| Monitoring Well Stratification Log | | | | | | | | | | |
|------------------------------------|------|--------------------------|--------------------|---|------------------|--------------------|------|-------------------|--|-------|
| Sampler KE & JL | | Well # | | MBE6 | | High Tide DTW (ft) | | Low Tide DTW (ft) | | 15.80 |
| Date 10/12/2004 | | DTB (ft) | | 25.00 | | Screen Length (ft) | | 20.00 | | |
| Project Number 01203520.00 | | Client City of San Diego | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | |
| Location MBLF | | | | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (g/L) | Tide | | | Notes |
| 16.17 | 1215 | 6.79 | 1.80 | 1.84 | 24.1 | 10.48 | High | | | |
| 17.17 | 1217 | 6.80 | 2.08 | 0.93 | 24.0 | 12.45 | High | | | |
| 18.17 | 1219 | 6.97 | 2.80 | 0.25 | 23.7 | 17.50 | High | | | |
| 19.17 | 1221 | 7.16 | 3.27 | 0.05 | 23.4 | 20.81 | High | | | |
| 20.17 | 1223 | 7.21 | 3.88 | 0.00 | 23.0 | 25.09 | High | | | |
| 21.17 | 1225 | 7.34 | 3.99 | 0.00 | 22.8 | 25.86 | High | | | |
| 22.17 | 1227 | 7.42 | 4.07 | 0.00 | 22.6 | 26.42 | High | | | |
| 23.17 | 1229 | 7.47 | 4.22 | 0.00 | 22.5 | 27.48 | High | | | |
| 24.17 | 1231 | 7.45 | 4.46 | 0.00 | 22.4 | 29.16 | High | | | |
| 16.30 | 1623 | 6.73 | 1.83 | 2.33 | 23.8 | 10.69 | Low | | | |
| 17.30 | 1627 | 6.61 | 2.09 | 0.79 | 24.0 | 12.52 | Low | | | |
| 18.30 | 1629 | 6.77 | 2.80 | 0.19 | 23.7 | 17.50 | Low | | | |
| 19.30 | 1631 | 6.92 | 3.19 | 0.00 | 23.4 | 20.24 | Low | | | |
| 20.30 | 1633 | 7.08 | 3.73 | 0.00 | 23.1 | 24.04 | Low | | | |
| 21.30 | 1635 | 7.19 | 3.97 | 0.00 | 22.8 | 25.72 | Low | | | |
| 22.30 | 1637 | 7.22 | 3.98 | 0.00 | 22.8 | 25.79 | Low | | | |
| 23.30 | 1639 | 7.29 | 4.04 | 0.00 | 22.7 | 26.21 | Low | | | |
| 24.30 | 1642 | 7.33 | 4.18 | 0.00 | 22.5 | 27.20 | Low | | | |
| Notes: | | | | | | | | | | |
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MBE6 TDS vs. Depth



| Monitoring Well Stratification Log | | | | | | | | | | |
|------------------------------------|------|------|---|-------------|--------------------------|--------------|------------------------|-------|--|--|
| Sampler KE & JL | | | Well # MBW7 | | High Tide DTW (ft) 5.93 | | Low Tide DTW (ft) 5.92 | | | |
| Date 10/12/2004 | | | DTB (ft) 18.72 | | Screen Length (ft) 15.00 | | | | | |
| Project Number 01203520.00 | | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | |
| Client City of San Diego | | | | | | | | | | |
| Location MBLF | | | | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (g/L) | Tide | Notes | | |
| 6.43 | 1253 | 7.26 | 1.65 | 4.27 | 25.3 | 9.43 | High | | | |
| 7.43 | 1255 | 6.99 | 1.73 | 0.97 | 26.2 | 9.99 | High | | | |
| 8.43 | 1257 | 6.97 | 1.92 | 0.31 | 26.2 | 11.32 | High | | | |
| 9.43 | 1259 | 7 | 2.06 | 0.05 | 26 | 12.31 | High | | | |
| 10.43 | 1301 | 7.1 | 2.34 | 0.05 | 25.8 | 14.27 | High | | | |
| 11.43 | 1303 | 7.14 | 2.53 | 0 | 25.7 | 15.61 | High | | | |
| 12.43 | 1305 | 7.16 | 2.57 | 0 | 25.5 | 15.89 | High | | | |
| 13.43 | 1307 | 7.16 | 2.59 | 0 | 25.3 | 16.03 | High | | | |
| 14.43 | 1309 | 7.15 | 2.61 | 0 | 25.1 | 16.17 | High | | | |
| 15.43 | 1311 | 7.13 | 2.62 | 0 | 25 | 16.24 | High | | | |
| 16.43 | 1313 | 7.13 | 2.63 | 0 | 24.8 | 16.31 | High | | | |
| 17.43 | 1315 | 7.14 | 2.64 | 0 | 24.5 | 16.38 | High | | | |
| 18.43 | 1317 | 7.14 | 2.64 | 0 | 24.3 | 16.38 | High | | | |
| 6.42 | 1656 | 7.31 | 1.72 | 3.22 | 25.4 | 9.92 | Low | | | |
| 7.42 | 1658 | 6.97 | 1.79 | 0.57 | 26.1 | 10.41 | Low | | | |
| 8.42 | 1700 | 6.96 | 1.89 | 0.32 | 26.1 | 11.11 | Low | | | |
| 9.42 | 1703 | 7 | 1.93 | 0.09 | 26 | 11.39 | Low | | | |
| 10.42 | 1705 | 7.01 | 2.1 | 0.01 | 25.8 | 12.59 | Low | | | |
| 11.42 | 1708 | 7.09 | 2.33 | 0 | 25.7 | 14.20 | Low | | | |
| 12.42 | 1710 | 7.12 | 2.62 | 0 | 25.3 | 16.24 | Low | | | |
| 13.42 | 1712 | 7.12 | 2.64 | 0 | 25.3 | 16.38 | Low | | | |
| 14.42 | 1715 | 7.13 | 2.64 | 0 | 25.2 | 16.38 | Low | | | |
| 15.42 | 1717 | 7.13 | 2.64 | 0 | 25 | 16.38 | Low | | | |
| 16.42 | 1719 | 7.14 | 2.66 | 0 | 24.8 | 16.52 | Low | | | |
| 17.42 | 1722 | 7.15 | 2.66 | 0 | 24.6 | 16.52 | Low | | | |
| Notes: | | | | | | | | | | |
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MBW7 TDS vs. Depth



| Monitoring Well Stratification Log | | | | | | | | | | | | | |
|------------------------------------|------|--------------------------|--------------------|---|------------------|--------------------|------|-------|--|-------------------|--|-------|--|
| Sampler KE & JL | | Well # | | MW10 | | High Tide DTW (ft) | | 20.14 | | Low Tide DTW (ft) | | 20.12 | |
| Date 10/12/2004 | | DTB (ft) | | 30.23 | | Screen Length (ft) | | 10.00 | | | | | |
| Project Number 01203520.00 | | Client City of San Diego | | H2O Quality Meter make/ model: Horiba U22XD | | | | | | | | | |
| Location MBLF | | | | | | | | | | | | | |
| Depth below T.O.C. (feet) | Time | pH | Conductivity (S/m) | D.O. (mg/L) | Temperature (°C) | T.D.S. (g/L) | Tide | | | | | Notes | |
| 20.64 | 1012 | 7.15 | 6.27 | 2.43 | 21.1 | 41.87 | High | | | | | | |
| 21.64 | 1015 | 7.06 | 6.24 | 1.51 | 21.1 | 41.66 | High | | | | | | |
| 22.64 | 1017 | 7.01 | 6.25 | 1.34 | 21.0 | 41.73 | High | | | | | | |
| 23.64 | 1019 | 7.00 | 6.25 | 0.96 | 21.0 | 41.73 | High | | | | | | |
| 24.64 | 1021 | 6.96 | 6.24 | 0.46 | 21.0 | 41.66 | High | | | | | | |
| 25.64 | 1023 | 6.94 | 6.24 | 0.48 | 21.0 | 41.66 | High | | | | | | |
| 26.64 | 1025 | 6.95 | 6.23 | 0.56 | 21.0 | 41.59 | High | | | | | | |
| 27.64 | 1027 | 6.93 | 6.23 | 0.64 | 21.0 | 41.59 | High | | | | | | |
| 28.64 | 1029 | 6.93 | 6.22 | 0.59 | 21.0 | 41.52 | High | | | | | | |
| 29.64 | 1031 | 6.92 | 6.20 | 0.53 | 20.8 | 41.38 | High | | | | | | |
| 20.62 | 1443 | 7.21 | 6.31 | 3.64 | 21.1 | 42.16 | Low | | | | | | |
| 21.62 | 1445 | 7.04 | 6.30 | 0.91 | 21.1 | 42.08 | Low | | | | | | |
| 22.62 | 1447 | 6.99 | 6.25 | 0.33 | 21.1 | 41.73 | Low | | | | | | |
| 23.62 | 1449 | 6.95 | 6.23 | 0.13 | 21.0 | 41.59 | Low | | | | | | |
| 24.62 | 1451 | 6.94 | 6.23 | 0.01 | 21.0 | 41.59 | Low | | | | | | |
| 25.62 | 1453 | 6.94 | 6.23 | 0.00 | 21.0 | 41.59 | Low | | | | | | |
| 26.62 | 1455 | 6.95 | 6.23 | 0.00 | 21.0 | 41.59 | Low | | | | | | |
| 27.62 | 1457 | 6.94 | 6.21 | 0.00 | 21.0 | 41.45 | Low | | | | | | |
| 28.62 | 1459 | 6.93 | 6.20 | 0.00 | 20.9 | 41.38 | Low | | | | | | |
| 29.62 | 1501 | 6.93 | 6.19 | 0.00 | 20.9 | 41.31 | Low | | | | | | |
| Notes: | | | | | | | | | | | | | |
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MW10 TDS vs. Depth

